

## Gregory, Bernarr

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**From:** PLUS  
**Sent:** Thursday, January 27, 2005 2:21 PM  
**To:** Gregory, Bernarr  
**Subject:** PLUS Results for 10634485

Here are the PLUS search results for 10634485.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to [PLUS@uspto.gov](mailto:PLUS@uspto.gov).



10634485\_QUAL.txt



10634485\_LIST.txt



10634485\_WEST.txt



10634485\_EAST.txt



10634485.east



10634485\_CLS.txt



10634485\_CLSTITLES.  
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10634485\_WDS.txt

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PLUS Search Results for S/N 10634485, Searched January 27, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10634485\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10634485 on January 27, 2005

Original Classifications

27	604/192
20	604/198
9	604/110
6	606/181
5	604/263
5	606/182
4	604/187
3	464/172
3	604/232
2	30/454
2	102/307
2	102/336
2	141/329
2	206/365
2	222/1
2	267/140.13
2	401/202
2	401/75
2	411/431
2	600/571
2	604/111
2	604/157
2	604/162
2	606/185
2	606/44

Cross-Reference Classifications

46	604/263
18	604/198
15	604/110
15	604/192
9	128/919
8	206/365
5	604/197
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4	401/243
4	604/111
4	604/218
4	604/240
4	606/167
3	206/364
3	241/194
3	313/634

10634485\_CLS

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Combined Classifications

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10634485\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10634485 on January 27, 2005

51	604/263	(5 OR, 46 XR)
	Class 604 :	SURGERY
	604/19	MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
		BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
		IRRIGATING, ASPIRATING, ETC.)
	604/48	.Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously
	604/93.01	..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
	604/263	...Removable cover or protector for body inserted conduit
42	604/192	(27 OR, 15 XR)
	Class 604 :	SURGERY
	604/19	MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
		BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
		IRRIGATING, ASPIRATING, ETC.)
	604/48	.Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously
	604/93.01	..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
	604/181	...Means moved by person to inject or remove fluent material to or from body inserted conduit, holder,
		or reservoir
	604/187	....Injector or aspirator syringe supported only by person during use (e.g., hand held hypodermic
		syringe, douche tube with forced injection , etc.)
	604/192	.....Having cover or protector for body

10634485\_CLSTITLES  
entering conduit

38 604/198 (20 OR, 18 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G.,  
MEDICATING,  
IRRIGATING, ASPIRATING, ETC.)  
604/48 .Treating material introduced into or removed  
from body orifice, or inserted or remo  
ved subcutaneously  
other than by diffusing through skin  
604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservo  
ir inserted in body  
604/181 ...Means moved by person to inject or remove  
fluent material to or from body inserted  
conduit, holder,  
or reservoir  
604/187 ....Injector or aspirator syringe supported  
only by person during use (e.g., hand hel  
d hypodermic  
syringe, douche tube with forced injectio  
n, etc.)  
604/192 .....Having cover or protector for body  
entering conduit  
604/198 .....Cover or protector for body entering  
conduit movable axially relative to one ano  
ther  
24 604/110 (9 OR, 15 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G., MED  
ICATING,  
IRRIGATING, ASPIRATING, ETC.)  
604/48 .Treating material introduced into or removed  
from body orifice, or inserted or removed  
subcutaneously  
other than by diffusing through skin  
604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir  
inserted in body  
604/110 ...Having means for preventing reuse of device

10634485\_CLSTITLES

10 206/365 (2 OR, 8 XR)  
 Class 206 : SPECIAL RECEPTACLE OR PACKAGE  
 206/349 FOR A TOOL (E.G., KNIFE, SHAVER)  
 206/363 .Body treatment (i.e., surgical, but not  
 cosmetic)  
 206/364 ..Syringe (e.g., enema or catheter, per se)  
 206/365 ...Hypodermic or needle, per se

9 128/919 (0 OR, 9 XR)  
 Class 128 : SURGERY  
 128/917 BODY FLUID, DEVICES FOR PROTECTION THEREFROM  
 (E.G., AIDS, HEPATITUS, ETC.)  
 128/919 .Syringe, means to protect user

8 604/232 (3 OR, 5 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G.,  
 MEDICATING,  
 IRRIGATING, ASPIRATING, ETC.)  
 604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or remo  
 ved subcutaneously  
 other than by diffusing through skin  
 604/93.01 ..Material introduced or removed through  
 conduit, holder, or implantable reservo  
 ir inserted in body  
 604/181 ...Means moved by person to inject or remove  
 fluent material to or from body inserted  
 conduit, holder,  
 or reservoir  
 604/187 ....Injector or aspirator syringe supported  
 only by person during use (e.g., hand hel  
 d hypodermic  
 syringe, douche tube with forced injectio  
 n, etc.)  
 604/218 .....With piston or plunger for expelling  
 material from body or injector reservoir  
 604/232 .....Material reservoir (e.g., cartridge,  
 etc.) removably mounted in syringe

7 604/187 (4 OR, 3 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

10634485\_CLSTITLES

M  
 DICATING,  
 604/48 .Treating material introduced into or removed  
 d subcutaneously from body orifice, or inserted or remove  
 604/93.01 ..Material introduced or removed through  
 inserted in body conduit, holder, or implantable reservoir  
 604/181 ...Means moved by person to inject or remove  
 onduit, holder, fluent material to or from body inserted c  
 or reservoir  
 604/187 ....Injector or aspirator syringe supported  
 hypodermic only by person during use (e.g., hand held  
 syringe, douche tube with forced injection,  
 etc.)

7 606/181 (6 OR, 1 XR)  
 Class 606 : SURGERY  
 606/1 INSTRUMENTS  
 606/167 .Cutting, puncturing or piercing  
 606/181 ..Lancet

6 604/111 (2 OR, 4 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M  
 ICATING,  
 604/48 .Treating material introduced into or removed  
 subcutaneously from body orifice, or inserted or removed  
 604/93.01 ..Material introduced or removed through  
 inserted in body conduit, holder, or implantable reservoir  
 604/111 ...Having means for indicating device is  
 defective , used, or tampered with

6 604/197 (1 OR, 5 XR)  
 Class 604 : SURGERY

10634485\_CLSTITLES

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
 BODY FOR THERAPEUTIC PURPOSES (E.G.,  
 MEDICATING,  
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or removed  
 subcutaneously  
 other than by diffusing through skin

604/93.01 ..Material introduced or removed through  
 conduit, holder, or implantable reservoir  
 inserted in body

604/181 ...Means moved by person to inject or remove  
 fluent material to or from body inserted  
 conduit, holder,  
 or reservoir

604/187 ....Injector or aspirator syringe supported  
 only by person during use (e.g., hand held  
 hypodermic  
 syringe, douche tube with forced injection,  
 etc.)

604/192 .....Having cover or protector for body  
 entering conduit

604/197 .....Common cover or protector for body  
 entering conduit and material syringe reservoir

6 606/182 (5 OR, 1 XR)  
 Class 606 : SURGERY  
 606/1 INSTRUMENTS  
 606/167 .Cutting, puncturing or piercing  
 606/181 ..Lancet  
 606/182 ...Spring driven or biased into cutting  
 position

5 606/185 (2 OR, 3 XR)  
 Class 606 : SURGERY  
 606/1 INSTRUMENTS  
 606/167 .Cutting, puncturing or piercing  
 606/185 ..Puncturing or piercing

4 206/364 (1 OR, 3 XR)  
 Class 206 : SPECIAL RECEPTACLE OR PACKAGE  
 206/349 FOR A TOOL (E.G., KNIFE, SHAVER)  
 206/363 .Body treatment (i.e., surgical, but not  
 cosmetic)  
 206/364 ..Syringe (e.g., enema or catheter, per se)

10634485\_CLSTITLES

4 241/194 (1 OR, 3 XR)  
 Class 241 : SOLID MATERIAL COMMUNUTION OR DISINTEGRATION  
 241/191 .Rotary striking member, rotor structure  
 241/194 ..Striking member pivoted to rotor

4 401/202 (2 OR, 2 XR)  
 Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY  
 401/196 MATERIAL FLOWS THROUGH POROUS TOOL  
 401/202 .With removable cap for tool

4 401/243 (0 OR, 4 XR)  
 Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY  
 401/221 BIFURCATE POINTED NIB TOOL (E.G., FOUNTAIN PEN  
 )  
 401/222 .Including reservoir and feeder  
 401/243 ..Including removable cap for tool

4 422/100 (1 OR, 3 XR)  
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
 DEODORIZING, PRESERVING, OR STERILIZING  
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIV  
 E  
 LABORATORY DEVICE  
 422/99 .Miscellaneous laboratory apparatus and  
 elements, per se  
 422/100 ..Pipette or other volumetric fluid transfer  
 means

4 464/172 (3 OR, 1 XR)  
 Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
 FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
 464/170 HOUSING  
 464/172 .Telescoping cylindrical housing members

4 604/218 (0 OR, 4 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO  
 M  
 BODY FOR THERAPEUTIC PURPOSES (E.G., M  
 EDICATING,  
 IRRIGATING, ASPIRATING, ETC.)  
 604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or remov  
 ed subcutaneously  
 other than by diffusing through skin

10634485\_CLSTITLES

604/93.01	..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
604/181	...Means moved by person to inject or remove fluent material to or from body inserted conduit, holder, or reservoir
604/187	....Injector or aspirator syringe supported only by person during use (e.g., hand held hypodermic syringe, douche tube with forced injection , etc.)
604/218	.....With piston or plunger for expelling material from body or injector reservoir
4 604/240	(0 OR, 4 XR)
Class 604	: SURGERY
604/19	MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
604/48	.Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously other than by diffusing through skin
604/93.01	..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
604/181	...Means moved by person to inject or remove fluent material to or from body inserted conduit, holder, or reservoir
604/187	....Injector or aspirator syringe supported only by person during use (e.g., hand held hypodermic syringe, douche tube with forced injection , etc.)
604/240	.....Specific structure of means connecting body entering conduit to syringe
4 606/167	(0 OR, 4 XR)
Class 606	: SURGERY
606/1	INSTRUMENTS
606/167	.Cutting, puncturing or piercing

10634485\_CLSTITLES

- 3 36/3B (1 OR, 2 XR)
  - Class 036 : BOOTS, SHOES, AND LEGGINGS
  - 36/83 BOOTS AND SHOES
  - 36/3R .Ventilated
  - 36/3B ..Soles
  
- 3 206/366 (1 OR, 2 XR)
  - Class 206 : SPECIAL RECEPTACLE OR PACKAGE
  - 206/349 FOR A TOOL (E.G., KNIFE, SHAVER)
  - 206/363 .Body treatment (i.e., surgical, but not cosmetic)
  - 206/364 ..Syringe (e.g., enema or catheter, per se)
  - 206/365 ...Hypodermic or needle, per se
  - 206/366 ....Plural
  
- 3 241/197 (1 OR, 2 XR)
  - Class 241 : SOLID MATERIAL COMMINUTION OR DISINTEGRATION
  - 241/195 .Rotary striking member or hammer
  - 241/197 ..With attached wear member
  
- 3 313/634 (0 OR, 3 XR)
  - Class 313 : ELECTRIC LAMP AND DISCHARGE DEVICES
  - 313/567 WITH GAS OR VAPOR
  - 313/634 .Envelope with particular structure
  
- 3 401/213 (0 OR, 3 XR)
  - Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY
  - 401/208 INCLUDING BALL, ROLLER OR ENDLESS-BELT TOOL
  - 401/209 .Ball
  - 401/213 ..With sealing cap
  
- 3 428/461 (0 OR, 3 XR)
  - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
  - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
  - 428/457 .Of metal
  - 428/461 ..Next to addition polymer from unsaturated monomers
  
- 3 464/175 (0 OR, 3 XR)
  - Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND FLEXIBLE COUPLINGS FOR ROTARY SHAFTS
  - 464/170 HOUSING
  - 464/173 .Flexible housing
  - 464/175 ..Corrugated structure
  
- 3 600/576 (0 OR, 3 XR)
  - Class 600 : SURGERY

10634485\_CLSTITLES

600/300 DIAGNOSTIC TESTING

600/573 .Liquid collection

600/576 ..Manually supported collector with rigid  
intake tube (e.g., a hollow needle, etc.)

3 604/157 (2 OR, 1 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,  
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
from body orifice, or inserted or removed subcutaneously  
other than by diffusing through skin

604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir inserted in body

604/156 ...Conduit forced into body by self-acting  
fluid pressure, motor-driven, or mechanical energy storing  
means

604/157 ....Conduit impelled by spring

3 604/199 (0 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,  
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
from body orifice, or inserted or removed subcutaneously  
other than by diffusing through skin

604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir inserted in body

604/181 ...Means moved by person to inject or remove  
fluid material to or from body inserted  
conduit, holder,  
or reservoir

604/187 ....Injector or aspirator syringe supported  
only by person during use (e.g., hand held hypodermic

10634485\_CLSTITLES

, etc.) syringe, douche tube with forced injection

604/199 .....Having structure for facilitating  
sterilization of syringe or preventing cont  
amination of  
material therein

3 604/201 (0 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M  
BODY FOR THERAPEUTIC PURPOSES (E.G.,  
MEDICATING,  
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
from body orifice, or inserted or remo  
ved subcutaneously

604/93.01 ..Material introduced or removed through  
other than by diffusing through skin  
conduit, holder, or implantable reservo  
ir inserted in body

604/181 ...Means moved by person to inject or remove  
fluent material to or from body inserted  
conduit, holder,  
or reservoir

604/187 ....Injector or aspirator syringe supported  
only by person during use (e.g., hand hel  
d hypodermic  
syringe, douche tube with forced injectio

n, etc.)

604/200 .....Means broken, cut, pierced, or torn to  
permit material flow to or from body

604/201 .....Septum pierced by conduit to permit flow

3 604/241 (0 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M  
BODY FOR THERAPEUTIC PURPOSES (E.G.,  
MEDICATING,  
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
from body orifice, or inserted or remo  
ved subcutaneously

604/93.01 ..Material introduced or removed through  
other than by diffusing through skin

10634485\_CLSTITLES

conduit, holder, or implantable reservoir  
 inserted in body

604/181 ...Means moved by person to inject or remove  
 fluent material to or from body inserted  
 conduit, holder,  
 or reservoir

604/187 ....Injector or aspirator syringe supported  
 only by person during use (e.g., hand held  
 hypodermic  
 syringe, douche tube with forced injection,  
 etc.)

604/240 .....Specific structure of means connecting  
 body entering conduit to syringe

604/241 .....Conduit holder attached to another  
 syringe component by thread means

3 604/265 (1 OR, 2 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,  
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or removed  
 subcutaneously  
 other than by diffusing through skin

604/93.01 ..Material introduced or removed through  
 conduit, holder, or implantable reservoir  
 inserted in body

604/264 ...Body inserted tubular conduit structure  
 (e.g., needles, cannulas, nozzles, trocars,  
 catheters,  
 etc.)

604/265 ....With body soluble, antibactericidal or  
 lubricating materials on conduit

3 604/272 (0 OR, 3 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,  
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or removed

10634485\_CLSTITLES

d subcutaneously

604/93.01      other than by diffusing through skin  
 ..Material introduced or removed through  
 conduit, holder, or implantable reservoir

inserted in body

604/264      ...Body inserted tubular conduit structure  
 (e.g., needles, cannulas, nozzles, trocars

, catheters,

etc.)

604/272      ....Body piercing conduit (e.g., needle, etc.)

3 604/414      (0 OR, 3 XR)

Class 604 : SURGERY

604/403      CONTAINER FOR BLOOD OR BODY TREATING MATERIAL,  
 OR MEANS USED THEREWITH (E.G., NEEDLE FOR

PIERCING

CONTAINER CLOSURE, ETC.)

604/411      .Having hollow needle or spike for piercing  
 container or container closure

604/414      ..Mounted on one container and used to pierce  
 another container or closure

3 604/506      (0 OR, 3 XR)

Class 604 : SURGERY

604/19      MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

M      BODY FOR THERAPEUTIC PURPOSES (E.G., MED

ICATING,

IRRIGATING, ASPIRATING, ETC.)

604/48      .Treating material introduced into or removed  
 from body orifice, or inserted or removed

subcutaneously

other than by diffusing through skin

604/500      ..Method

604/506      ...Therapeutic material introduced or removed  
 through a piercing conduit (e.g., trocar) i

nserted into

body

3 606/44      (2 OR, 1 XR)

Class 606 : SURGERY

606/1      INSTRUMENTS

606/32      .Electrical application

606/41      ..Applicators

606/43      ...Depilation

606/44      ....By needle

10634485\_CLSTITLES

- 2    12/142V            (1 OR, 1 XR)
  - Class    012 :    BOOT AND SHOE MAKING
  - 12/142R           PROCESSES
  - 12/142V           .Ventilated
  
- 2    30/454            (2 OR, 0 XR)
  - Class    030 :    CUTLERY
  - 30/451            STATIC PENCIL SHARPENER
  - 30/453            .With debris receiver
  - 30/454            ..Conical or cylindrical work guide
  
- 2    36/72R            (1 OR, 1 XR)
  - Class    036 :    BOOTS, SHOES, AND LEGGINGS
  - 36/72R           PROTECTORS
  
- 2    40/311            (0 OR, 2 XR)
  - Class    040 :    CARD, PICTURE, OR SIGN EXHIBITING
  - 40/299.01        CHECK, LABEL, OR TAG
  - 40/310            .Bottle-carried indicia
  - 40/311            ..Cap- or cork-attached
  
- 2    73/23.31          (1 OR, 1 XR)
  - Class    073 :    MEASURING AND TESTING
  - 73/23.2           GAS ANALYSIS
  - 73/23.31        .Gas of combustion
  
- 2    73/31.05          (0 OR, 2 XR)
  - Class    073 :    MEASURING AND TESTING
  - 73/23.2           GAS ANALYSIS
  - 73/31.05        .Detector detail
  
- 2    73/864.16        (1 OR, 1 XR)
  - Class    073 :    MEASURING AND TESTING
  - 73/863           SAMPLER, SAMPLE HANDLING, ETC.
  - 73/864           .Capture device
  - 73/864.01        ..Pipette or cannula
  - 73/864.11        ...With suction applying and liquid discharge means
  - 73/864.16        ....Piston and cylinder
  
- 2    102/307            (2 OR, 0 XR)
  - Class    102 :    AMMUNITION AND EXPLOSIVES
  - 102/301           BLASTING
  - 102/305           .Detonation wave modifying
  - 102/306           ..Shaped charge or charge with detonation wave cavity modifier
  - 102/307           ...Linear or curvilinear cavity

10634485\_CLSTITLES

2 102/336 (2 OR, 0 XR)  
     Class 102 : AMMUNITION AND EXPLOSIVES  
     102/335 PYROTECHNICS  
     102/336 .Flare

2 102/370 (0 OR, 2 XR)  
     Class 102 : AMMUNITION AND EXPLOSIVES  
     102/367 GAS OR MIST DISPERSING  
     102/370 .Cartridge or projectile

2 102/476 (1 OR, 1 XR)  
     Class 102 : AMMUNITION AND EXPLOSIVES  
     102/473 SHELLS  
     102/475 .Focused or directed detonation  
     102/476 ..Shaped charge

2 128/844 (0 OR, 2 XR)  
     Class 128 : SURGERY  
     128/842 MALE REPRODUCTORY TRACT SHIELDS OR BIRTH  
                     CONTROL DEVICES (E.G., PROPHYLACTICS, VAS  
 DEFERENS VALVES,  
                     ETC.)  
     128/844 .Condoms

2 128/898 (1 OR, 1 XR)  
     Class 128 : SURGERY  
     128/897 MISCELLANEOUS  
     128/898 .Methods

2 128/912 (0 OR, 2 XR)  
     Class 128 : SURGERY  
     128/912 CONNECTIONS AND CLOSURES FOR TUBES DELIVERING  
                     FLUIDS TO OR FROM THE BODY

2 138/96T (1 OR, 1 XR)  
     Class 138 : PIPES AND TUBULAR CONDUITS  
     138/96R END PROTECTORS  
     138/96T .Threaded

2 141/27 (0 OR, 2 XR)  
     Class 141 : FLUENT MATERIAL HANDLING, WITH RECEIVER OR  
                     RECEIVER COACTING MEANS  
     141/18 FILLING OR REFILLING OF DISPENSERS  
     141/21 .By operation of means causing or controlling  
                     dispensing  
     141/25 ..Expansible chamber of fluid pressure applyin

10634485\_CLSTITLES  
or controlling means

141/27                   ...Container with follower

2   141/329               (2 OR, 0 XR)  
       Class    141 :   FLUENT MATERIAL HANDLING, WITH RECEIVER OR  
                       RECEIVER COACTING MEANS  
       141/311R           FILLING MEANS WITH RECEIVER OR RECEIVER  
                       COACTING MEANS  
       141/329            .With puncturing connecting means

2   204/428               (1 OR, 1 XR)  
       Class    204 :   CHEMISTRY:   ELECTRICAL AND WAVE ENERGY  
       204/193            APPARATUS  
       204/194            .Electrolytic  
       204/400            ..Analysis and testing  
       204/421            ...Solid electrolyte  
       204/424            ....Gas sample sensor  
       204/427            .....With gas reference material  
       204/428            .....With protective element

2   206/349               (1 OR, 1 XR)  
       Class    206 :   SPECIAL RECEPTACLE OR PACKAGE  
       206/349            FOR A TOOL (E.G., KNIFE, SHAVER)

2   206/438               (0 OR, 2 XR)  
       Class    206 :   SPECIAL RECEPTACLE OR PACKAGE  
       206/438            FOR BODY TREATMENT ARTICLE OR MATERIAL (I.E.,  
                       "SURGICAL" OR THERAPEUTIC TYPE)

2   206/807               (0 OR, 2 XR)  
       Class    206 :   SPECIAL RECEPTACLE OR PACKAGE  
       206/807            TAMPER PROOF

2   215/226               (1 OR, 1 XR)  
       Class    215 :   BOTTLES AND JARS  
       215/200            CLOSURES  
       215/226            .Substitute closure having means to remove  
                       original closure

2   215/250               (0 OR, 2 XR)  
       Class    215 :   BOTTLES AND JARS  
       215/200            CLOSURES  
       215/250            .Frangible member or portion

2   215/347               (1 OR, 1 XR)  
       Class    215 :   BOTTLES AND JARS  
       215/200            CLOSURES  
       215/316            .Cap type

10634485\_CLSTITLES

215/341 ..With identifiable, integral, or separate  
gasket, seal, or liner  
215/347 ...Distinct layers

2 219/75 (1 OR, 1 XR)  
Class 219 : ELECTRIC HEATING  
219/50 METAL HEATING (E.G., RESISTANCE HEATING)  
219/72 .Nonatmospheric environment at hot spot (e.g.,  
resistance weld under oil, vacuum)  
219/74 ..Gas supply (e.g., by ingredient of electrode  
by external source)  
219/75 ...Nonconsumable electrode (e.g., atomic  
hydrogen)

2 220/284 (0 OR, 2 XR)  
Class 220 : RECEPTACLES  
220/200 CLOSURES  
220/260 .With closure opening arrangements for means  
(e.g., opening devices)  
220/284 ..Special tool or tool engaging means

2 222/1 (2 OR, 0 XR)  
Class 222 : DISPENSING  
222/1 PROCESSES OF DISPENSING

2 222/182 (1 OR, 1 XR)  
Class 222 : DISPENSING  
222/173 WITH CASING OR SUPPORT  
222/182 .Enclosing cover for actuating parts of  
discharging means

2 222/501 (1 OR, 1 XR)  
Class 222 : DISPENSING  
222/501 MOVABLE OUTLET ELEMENT ACTUATOR PROJECTING  
THROUGH DISCHARGE GUIDE

2 222/518 (0 OR, 2 XR)  
Class 222 : DISPENSING  
222/511 WITH RESILIENT BIASING MEANS FOR OUTLET ELEMEN

222/518 .For elements reciprocable axially of discharg  
opening

2 244/3.16 (1 OR, 1 XR)  
Class 244 : AERONAUTICS

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244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL  
 244/3.15 .Automatic guidance  
 244/3.16 ..Optical (includes infrared)

2 267/140.13 (2 OR, 0 XR)

Class 267 : SPRING DEVICES

267/136 RESILIENT SHOCK OR VIBRATION ABSORBER

267/140.11 .Including energy absorbing means or feature  
 (e.g., supplemental vehicle equipment, suc

h as motor mount,

seat, etc., including additional fluid or  
 friction energy  
 absorber)

267/140.13 ..Axial

2 374/158 (1 OR, 1 XR)

Class 374 : THERMAL MEASURING AND TESTING

374/100 TEMPERATURE MEASUREMENT (E.G., THERMOMETER)

374/158 .With removable cover for sensor (e.g.,  
 disposable sheath)

2 401/133 (1 OR, 1 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/132 INCLUDING RUPTURABLE MEANS OR SEALED-CARTRIDGE  
 RECEIVER

401/133 .Sealed-cartridge receiver with  
 flow-establishing means

2 401/134 (0 OR, 2 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/132 INCLUDING RUPTURABLE MEANS OR SEALED-CARTRIDGE  
 RECEIVER

401/133 .Sealed-cartridge receiver with  
 flow-establishing means

401/134 ..By piercing cartridge

2 401/195 (0 OR, 2 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/195 COMBINED

2 401/75 (2 OR, 0 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/49 SOLID MATERIAL FOR RUBBING CONTACT OR SUPPORT  
 THEREFOR

401/55 .Including means to advance material

401/68 ..Screw feed

401/75 ...Including means to positively transmit  
 rotation to sliding screw-feed member

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- 2 411/431 (2 OR, 0 XR)  
 Class 411 : EXPANDED, THREADED, DRIVEN, HEADED,  
 TOOL-DEFORMED, OR LOCKED-THREADED FASTENER  
 411/427 INTERNALLY THREADED FASTENER ELEMENT, E.G.,  
 NUT, ETC.  
 411/429 .Having cap  
 411/431 ..Resiliently retained
- 2 425/549 (1 OR, 1 XR)  
 Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR  
 TREATING: APPARATUS  
 425/542 FEMALE MOLD AND CHARGER TO SUPPLY FLUENT STOCK  
 UNDER PRESSURE THERETO IN FLUID-TIGHT REL  
 ATIONSHIP (E.G.,  
 INJECTION MOLD, ETC.)  
 425/547 .With means to heat or cool  
 425/549 ..Including heated or cooled nozzle
- 2 428/416 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
 428/413 .Of epoxy ether  
 428/414 ..As intermediate layer  
 428/416 ...Next to metal
- 2 428/418 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
 428/413 .Of epoxy ether  
 428/418 ..Next to metal
- 2 428/458 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
 428/457 .Of metal  
 428/458 ..Next to polyester, polyamide or polyimide  
 (e.g., alkyd, glue, or nylon, etc.)
- 2 428/460 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
 428/457 .Of metal  
 428/460 ..Next to aldehyde or ketone condensation  
 product
- 2 428/463 (0 OR, 2 XR)  
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

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428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
 428/457 .Of metal  
 428/461 ..Next to addition polymer from unsaturated  
           monomers  
 428/463 ...Ester, halide or nitrile of addition polyme

r

2 428/522 (0 OR, 2 XR)  
     Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
     428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
     428/500 .Of addition polymer from unsaturated monomers  
     428/522 ..Ester, halide or nitrile of addition polymer

2 433/115 (1 OR, 1 XR)  
     Class 433 : DENTISTRY  
     433/25 APPARATUS  
     433/103 .Having motor or means to transmit motion from  
             motor to tool (e.g., "engine")  
     433/114 ..Hand-held tool or handpiece  
     433/115 ...Having seal

2 600/375 (1 OR, 1 XR)  
     Class 600 : SURGERY  
     600/300 DIAGNOSTIC TESTING  
     600/372 .Structure of body-contacting electrode or  
             electrode inserted in body  
     600/373 ..Electrode placed in body  
     600/374 ...Electrode placed in or on heart  
     600/375 ....Anchored

2 600/563 (0 OR, 2 XR)  
     Class 600 : SURGERY  
     600/300 DIAGNOSTIC TESTING  
     600/562 .Sampling nonliquid body material (e.g., bone,  
             muscle tissue, epithelial cells, etc.)  
     600/563 ..Irrigation

2 600/570 (1 OR, 1 XR)  
     Class 600 : SURGERY  
     600/300 DIAGNOSTIC TESTING  
     600/562 .Sampling nonliquid body material (e.g., bone,  
             muscle tissue, epithelial cells, etc.)  
     600/570 ..Scraping with edged instrument

2 600/571 (2 OR, 0 XR)

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Class 600 : SURGERY  
 600/300 DIAGNOSTIC TESTING  
 600/562 .Sampling nonliquid body material (e.g., bone,  
 muscle tissue, epithelial cells, etc.)  
 600/570 ..Scraping with edged instrument  
 600/571 ...Applying suction to sample

2 600/572 (1 OR, 1 XR)

Class 600 : SURGERY  
 600/300 DIAGNOSTIC TESTING  
 600/562 .Sampling nonliquid body material (e.g., bone,  
 muscle tissue, epithelial cells, etc.)  
 600/572 ..Wiping or dabbing

2 600/573 (0 OR, 2 XR)

Class 600 : SURGERY  
 600/300 DIAGNOSTIC TESTING  
 600/573 .Liquid collection

2 604/104 (0 OR, 2 XR)

Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G., MED  
 ICATING,

IRRIGATING, ASPIRATING, ETC.)  
 604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or removed

subcutaneously other than by diffusing through skin

604/93.01 ..Material introduced or removed through  
 conduit, holder, or implantable reservoir

inserted in body

604/104 ...Having means expanding body orifice or cana  
 (e.g., dilator, retaining means, etc.)

2 604/117 (1 OR, 1 XR)

Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G., MED  
 ICATING,

IRRIGATING, ASPIRATING, ETC.)  
 604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or removed

subcutaneously

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other than by diffusing through skin

604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir  
inserted in body

604/117 ...Having structure for controlling depth of  
insertion of body piercer

2 604/136 (1 OR, 1 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,  
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
from body orifice, or inserted or removed subcutaneously

604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir inserted in body

604/131 ...Treating material forced into or out of body  
by self-acting fluid pressure, motor-driven, or mechanical  
energy storing means (e.g., pressure infusion or  
aspiration, etc.)

604/134 ....Material impelled by spring  
604/136 ....Material conduit forced into body by  
spring

2 604/162 (2 OR, 0 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,  
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
from body orifice, or inserted or removed subcutaneously

604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir  
inserted in body

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604/158 ...Body entering conduit axially movable withi  
n  
body piercing conduit while former is disp  
osed in the body

604/162 ....Having guard on piercing conduit for  
protecting body entering conduit

2 604/163 (0 OR, 2 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G., ME  
DICATING,  
IRRIGATING, ASPIRATING, ETC.)  
604/48 .Treating material introduced into or removed  
from body orifice, or inserted or remove  
d subcutaneously  
other than by diffusing through skin  
604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir  
inserted in body

604/158 ...Body entering conduit axially movable withi  
n  
body piercing conduit while former is disp  
osed in the body

604/163 ....Having bag or sheath enclosing body  
entering conduit

2 604/164.08 (1 OR, 1 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO  
M  
BODY FOR THERAPEUTIC PURPOSES (E.G., ME  
DICATING,  
IRRIGATING, ASPIRATING, ETC.)  
604/48 .Treating material introduced into or removed  
from body orifice, or inserted or remove  
d subcutaneously  
other than by diffusing through skin  
604/93.01 ..Material introduced or removed through  
conduit, holder, or implantable reservoir  
inserted in body

604/164.01 ...Body piercer, obturator rod, or stylet

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axially movable within body entering conduit while latter

604/164.08 ....Having cover or protector for body entering conduit

2 604/195 (1 OR, 1 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/181 ...Means moved by person to inject or remove fluent material to or from body inserted conduit, holder, or reservoir

604/187 ....Injector or aspirator syringe supported only by person during use (e.g., hand held hypodermic syringe, douche tube with forced injection, etc.)

604/192 .....Having cover or protector for body entering conduit

604/195 .....Portion of body entering conduit stored in material receiving syringe reservoir

2 604/200 (0 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

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conduit, holder, or implantable reservoir  
 inserted in body

604/181 ...Means moved by person to inject or remove  
 fluent material to or from body inserted  
 conduit, holder, or reservoir  
 604/187 ....Injector or aspirator syringe supported  
 only by person during use (e.g., hand held  
 hypodermic syringe, douche tube with forced injection  
 , etc.)  
 604/200 .....Means broken, cut, pierced, or torn to  
 permit material flow to or from body

2 604/243 (1 OR, 1 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM  
 M BODY FOR THERAPEUTIC PURPOSES (E.G.,  
 MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed  
 from body orifice, or inserted or removed  
 subcutaneously  
 604/93.01 ..Material introduced or removed through  
 conduit, holder, or implantable reservoir

inserted in body  
 604/181 ...Means moved by person to inject or remove  
 fluent material to or from body inserted  
 conduit, holder, or reservoir  
 604/187 ....Injector or aspirator syringe supported  
 only by person during use (e.g., hand held  
 hypodermic syringe, douche tube with forced injection  
 , etc.)  
 604/240 .....Specific structure of means connecting  
 body entering conduit to syringe  
 604/243 .....Conduit or holder therefor removably  
 attached to another injector component by friction

2 604/264 (0 OR, 2 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

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M  
ICATING,  
604/48 .Treating material introduced into or removed  
subcutaneously  
604/93.01 ..Material introduced or removed through  
inserted in body conduit, holder, or implantable reservoir  
604/264 ...Body inserted tubular conduit structure  
catheters, (e.g., needles, cannulas, nozzles, trocars,  
etc.)  
2 604/275 (0 OR, 2 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO  
M  
DICATING,  
604/48 .Treating material introduced into or removed  
d subcutaneously from body orifice, or inserted or remove  
604/93.01 ..Material introduced or removed through  
inserted in body conduit, holder, or implantable reservoir  
604/264 ...Body inserted tubular conduit structure  
, catheters, (e.g., needles, cannulas, nozzles, trocars  
etc.)  
604/275 ....Nozzle insertable into body orifice  
2 604/905 (0 OR, 2 XR)  
Class 604 : SURGERY  
604/905 ASEPTIC CONNECTORS OR COUPLINGS (E.G.,  
FRANGIBLE, PIERCABLE, ETC.)  
2 606/191 (0 OR, 2 XR)  
Class 606 : SURGERY  
606/1 INSTRUMENTS  
606/191 .Internal pressure applicator (e.g., dilator)

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2 607/127 (1 OR, 1 XR)

Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL  
APPLICATION

607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION

607/115 .Electrical energy applicator

607/116 ..Placed in body

607/119 ...Heart

607/122 ....Catheter or endocardial (inside heart) typ

e

607/126 .....With anchor means

607/127 .....Axially-mounted helical type

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greater 1  
guidance 1  
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halves 1  
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imaging 2  
impairing 1  
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infrared 2  
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interlocking 5  
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known 1  
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 protective 38  
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range 1  
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recess 2  
reference 1  
relates 1  
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releasable 6  
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release 5  
releaseable 1  
released 5  
releasing 2  
resealable 1  
responsive 2  
reticle 1  
rt 1  
safe 1  
scene 1  
screws 1  
section 1  
sectional 1  
seeker 9  
seen 1  
segments 3  
separated 2  
several 1  
shape 1  
shaped 4  
shortly 1  
show 1  
shown 2  
shows 3  
side 7  
sideways 2  
signals 1  
similar 2  
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stress 1  
structlzres 1  
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tip 17  
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together 4  
towards 1  
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trying 1  
two 17  
up 5  
usually 1  
velocities 1  
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which 6  
while 1  
window 2  
with 7  
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